

STEREO MOC Status Report
Time Period: 2008:322 - 2008:328

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 323, two track schedule changes occurred due to a DSS 25 exciter red anomaly. The planned DSS 25 track on day 325 was replaced with a shorter DSS 15 track and the DSS 25 station was swapped with DSS 14 on day 326. The track with DSS 14, 70 meter antenna, was configured to 720 kbps downlink to ensure all data was downlinked. Thanks to all involved, all SSR data was recovered.
- On day 324, during the DSS 45 track, telemetry frame lock was lost due to heavy rain at the station. This resulted in the loss of a few minutes of SSR data. See DR# N105026 for more information.
- On day 326, during the DSS 14 track, telemetry frame lock was lost at the station. This resulted in the loss of 14 frames of SSR data.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Ahead was 6.6 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 323, one track schedule change occurred due to a DSS 25 exciter red anomaly. The planned DSS 25 track on day 326 was replaced with a shorter DSS 15 track.
- On day 325, at 1016Z during the DSS 45 support, nine frames of telemetry were lost. This resulted in the loss of one minute of SECCHI data.
- On day 326, at 0110Z during the DSS 15 track, the transmitter tripped off-line. This resulted in the loss of

three minutes of SECCHI data. See DR# G109033 for more information.

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following spacecraft/instrument events occurred during this week:

- The average daily SSR playback volume for Behind was 7.3 Gbits during this week.